

GENETIC ENGINEERING OF COTTON PLANTS AND LINES

Abstract of the Disclosure

5 A method is disclosed to achieve genetic transformation
of cotton plants and lines. Immature cotton tissues are
genetically transformed in vitro, by Agrobacterium-mediated
genetic transformation. The resultant cotton tissues are
subjected to a selection agent or agents to screen for
transformants. The transformed cultures are then induced
to commence somatic embryogenesis. One possible regime
10 for regenerating such somatic embryos into whole cotton
plants is disclosed.

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